



ICF TECHNOLOGY INCORPORATED

MEMORANDUM

TO: Paul La Courreye, U.S. Environmental Protection Agency
FROM: Orlando J. Mauricio, ICF Technology, Incorporated *ogm*
DATE: May 10, 1988
SUBJECT: Completed Work
THROUGH: Patty Cook *RC*, Ecology and Environment, Incorporated
COPY: Marcia Brooks, Ecology and Environment, Incorporated

This list is for the attached completed:

____ PA(s)
____ PA Review(s)
 1 PA Reassessment(s)
____ Other _____

*PA-2
completed
Paul 5.25.88*

<u>Site Name</u>	<u>EPA I.D.#</u>	<u>City</u>	<u>Recommendation</u>	<u>State Lead</u>
Abex Corporation, Oakland Plant	CAD980358733	Oakland, California	NFRAP	None

X EVT → A, PA2 F, N, 05-01-88
SI1 → C, N
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MEMORANDUM

TO: Paul La Courreye, U.S. Environmental Protection Agency
Region IX, Site Screening Coordinator

FROM: Orlando J. Mauricio, ICF Technology, Incorporated *ojm*

DATE: May 10, 1988

SUBJECT: Reassessment of the Abex Corporation Amsco Division site in
Oakland, California

EPA ID#: CAD980358733

THROUGH: Tom Beer, Ecology and Environment, Incorporated *J.W.B.*

COPY: FIT Master File
Patty Cook, Ecology and Environment, Incorporated
Don Plain, California Department of Health Services
Roger James, California Regional Water Quality Control Board,
San Francisco Bay Region

Introduction

Under Technical Directive Document number F9-8709-019, the Region IX Field Investigation Team (FIT) has been tasked to re-assess all Preliminary Assessments in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) with "active" or "pending" status according to guidelines established to implement the Superfund Amendments and Reauthorization Act (SARA). The strategy for determination of further action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) is based solely on the potential of each site to achieve a score high enough on the Hazard Ranking System (HRS) for inclusion on the National Priorities List (NPL). This strategy is intended to identify those sites posing the highest relative risk to human health or the environment. All other sites needing remedial or enforcement follow-up will be referred to the States or an appropriate Federal agency.

This site was evaluated primarily using the original HRS model. Additionally, this site was evaluated for its potential to score using the draft revised HRS model. The following is a summary of findings with regard to this site.

Summary

The Abex Corporation Amsco Division (Abex) site is located at 850 Ferry Street at the Port of Oakland in Oakland, California. Abex operated a manganese and steel foundry at the site from 1921 to 1977. Wastes produced at the site included foundry sand and slag. These wastes were stockpiled or landfilled on site. Analyses of the wastes were not conducted; however, Abex claims the wastes could not be hazardous if they were similar to the wastes produced at other Abex facilities. Abex closed the Oakland Plant in 1977 and returned the property to the Oakland Port Authority in 1978. Before closing the facility, Abex disposed the stockpiled and landfilled wastes off site. In 1978, the Oakland Port Authority demolished the facility before paving the site.

The ground water beneath the City of Oakland is used for irrigation and industrial purposes. The Cities of Oakland and Alameda (located two miles south of the site) obtain drinking water from the East Bay Municipal Utility District (EBMUD). The EBMUD obtains the majority of the water supply from the Mokelumne Watershed located more than 100 miles east of the site in the Sierra Nevada Mountains. Local reservoirs used by the EBMUD are located more than two miles from the site.

San Francisco Bay is located approximately 1000 feet from the site. Beneficial uses of the Bay include fishing, boating, and water contact recreation. The Bay is not used for drinking purposes. On-site exposure appears to be minimal because the site is paved.

Recommendations1) EPA

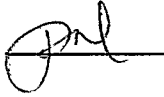
FIT recommends that no further action be planned under CERCLA at the Abex Corporation site because the site does not appear eligible for inclusion on the National Priorities List for the following reasons:

- o -a low drinking water target population for the ground-water migration route; and,
- o a low drinking water target population for the surface water migration route.

2) State or Other Agency

Copies of this reassessment will be sent to the California Department of Health Services and to the California Regional Water Quality Control Board for consideration.

EPA Concurrence

	<u>Initial</u>	<u>Date</u>
No Further Action Under CERCLA		5.25.88
High Priority SSI	_____	_____
Medium Priority SSI	_____	_____